

WEST Search History for Application 10552411

Creation Date: 2009042308:49

| Query | DB | Op. | Plur. | Thes. | Date |
|--|--|-----|-------|----------|------------|
| edwards-martin-J\$.in. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| ayres-john-r-a\$.in. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| ayres-john-r\$.in. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (edwards-martin-J\$.in.) and (ayres-john-r-a\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (edwards-martin-J\$.in.) and (ayres-john-r\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (edwards-martin-J\$.in. and ayres-john-r\$.in.) not (edwards-martin-J\$.in. and ayres-john-r-a\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, | ADJ | | ASSIGNEE | 04-23-2009 |

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|--|--|-----|--|----------|------------|
| | DWPI, TDBD | | | | |
| (second near5 capacitive).clm. and (edwards-martin-J\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near5 capacitive).clm. and (ayres-john-r-a\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near5 capacitive).clm. and (ayres-john-r\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near5 capacitive).clm. and (edwards-martin-J\$.in. and ayres-john-r-a\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near5 capacitive).clm. and (edwards-martin-J\$.in. and ayres-john-r\$.in.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| koninklijke-philips\$.as. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| TPO-hong-kong\$.as. | PGPB, USPT, | ADJ | | ASSIGNEE | 04-23-2009 |

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|--|--|-----|--|---------------------|
| | USOC, EPAB, JPAB, DWPI, TDBD | | | |
| (second near5 capacitive).clm. and (koninklijke-philips\$.as.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE 04-23-2009 |
| (second near5 capacitive).clm. and (TPO-hong-kong\$.as.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE 04-23-2009 |
| (sub-device).clm. and ((second near5 capacitive).clm. and koninklijke-philips\$.as.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE 04-23-2009 |
| (345/55 345/76)![CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE 04-23-2009 |
| (345/76 345/77)![CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE 04-23-2009 |
| (345/76 345/80)![CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE 04-23-2009 |
| (345/55 345/82)![CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE 04-23-2009 |
| (345/55 345/84)![CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE 04-23-2009 |
| (345/84 345/87)![CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE 04-23-2009 |

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|---|------------------------|-----|--|----------|------------|
| (345/87 345/90 345/92)!/[CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (345/204 345/205 345/206)!/[CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (345/204 345/690)!/[CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (345/204 345/211)!/[CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (345/211 345/212 345/213)!/[CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (345/204 345/214)!/[CCLS] | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT") same (capacitor or (charge near3 storage))) and ((345/55 345/76)!/[CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/55 345/76)!/[CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub-device) same (capacit\$3)) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/76)!/[CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/76)!/[CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/76)!/[CCLS]) not @AY>2004 | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/76)!/[CCLS]) and (smaller near4 capacit\$3) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/76)!/[CCLS] and (smaller near4 capacit\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/76)!/[CCLS] | PGPB, USPT, | ADJ | | ASSIGNEE | 04-23-2009 |

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|---|------------------|-----|--|----------|------------|
| 345/76)![CCLS] and (smaller near4 capacit\$3)) not @AY>2004 | USOC | | | | |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/76 345/77)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/76 345/77)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/76 345/77)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/76 345/77)![CCLS]) not @AY>2004 | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/76 345/80)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/76 345/80)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/76 345/80)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/55 345/82)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/82)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/82)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/55 345/84)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/84)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |

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|--|------------------------|-----|--|----------|------------|
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/55 345/84)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/84 345/87)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/84 345/87)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/84 345/87)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/87 345/90 345/92)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/87 345/90 345/92)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/87 345/90 345/92)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/204 345/205 345/206)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/205 345/206)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/205 345/206)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/204 345/690)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/690)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| | | ADJ | | ASSIGNEE | 04-23-2009 |

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| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/690)![CCLS]) | PGPB, USPT, USOC | | | | |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/204 345/211)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/211)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/211)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/211 345/212 345/213)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/211 345/212 345/213)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/211 345/212 345/213)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and ((345/204 345/214)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/214)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) and (345/204 345/214)![CCLS]) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))) | EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (smaller near4 capacit\$3) and (((transistor or "TFT" or switch) same (capacitor or (charge near3 storage)))) | EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |

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|--|---------------------------------|-----|--|----------|------------|
| (sub-device) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))))) | EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))))) not @AY>2004 | EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| ((voltage near3 generator) or (power near3 supply)) and ((smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))))) | EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near3 (capacitor or (charge near3 storage))) and (((voltage near3 generator) or (power near3 supply)) and (smaller near4 capacit\$3) and ((transistor or "TFT" or switch) same (capacitor or (charge near3 storage))))) | EPAB, JPAB, DWPI, TDBD | ADJ | | ASSIGNEE | 04-23-2009 |
| ("20030016202")!.PN.).PGPB. | PGPB | ADJ | | ASSIGNEE | 04-23-2009 |
| ("20020075211")!.PN.).PGPB. | PGPB | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near3 (capacitor or (charge near3 storage))) and (((("20030016202")!.PN.).PGPB.) | PGPB | ADJ | | ASSIGNEE | 04-23-2009 |
| (second near3 (capacitor or (charge near3 storage))) and (((("20020075211")!.PN.).PGPB.) | PGPB | ADJ | | ASSIGNEE | 04-23-2009 |
| ((capacitor or (charge near3 storage)) same multipl\$3) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((smaller near4 capacit\$3) and ((capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((smaller near4 capacit\$3) same ((capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub-device) and ((smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub-device) and ((smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((transistor or "TFT" or switch) and ((smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |

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|---|------------------------|-----|--|----------|------------|
| ((transistor or "TFT" or switch) and ((smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((voltage near3 generator) or (power near3 supply)) and ((transistor or "TFT" or switch) and (smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((voltage near3 generator) or (power near3 supply)) and ((transistor or "TFT" or switch) and (smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3) not @AY>2004) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3) not @AY>2004) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((liquid crystal) and (((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3 not @AY>2004)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((liquid crystal) and (((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3 not @AY>2004)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((light emitting) or LED or OLED) and (((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3 not @AY>2004)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((light emitting) or LED or OLED) and (((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3 not @AY>2004)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((liquid crystal) and ((light emitting) or LED or OLED) and ((voltage near3 generator) or (power near3 supply)) and (transistor or "TFT" or switch) and (smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3 not @AY>2004)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |

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| (charge near3 storage)) same multipl\$3 not @AY>2004)) | | | | | |
| ((sub?device) or (sub-device) or (capacit\$3 near3 device)) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub?device) or (sub-device) or (capacit\$3 near3 device))) and (active near3 matrix) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub?device) or (sub-device) or (capacit\$3 near3 device)) and (active near3 matrix)) and (((transistor or "TFT" or switch) and ((smaller near4 capacit\$3) and (capacitor or (charge near3 storage)) same multipl\$3)))) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub?device) or (sub-device) or (capacit\$3 near3 device)) and (active near3 matrix)) and (((transistor or "TFT" or switch) and ((smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3)))) | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| ((sub?device) or (sub-device) or (capacit\$3 near3 device)) and (active near3 matrix) and ((transistor or "TFT" or switch) and ((smaller near4 capacit\$3) same (capacitor or (charge near3 storage)) same multipl\$3)))) and @pd > 20090207 | PGPB, USPT, USOC | ADJ | | ASSIGNEE | 04-23-2009 |
| (fourth near2 (transistor or "TFT" or switch)) same (capacitor or (capacitive near2 device)) same ((power or potential or voltage) near2 source) | PGPB, USPT, USOC | ADJ | YES | ASSIGNEE | 04-23-2009 |
| (second near3 (capacitor or (charge near3 storage))) and ((fourth near2 (transistor or "TFT" or switch)) same (capacitor or (capacitive near2 device)) same ((power or potential or voltage) near2 source)) | PGPB, USPT, USOC | ADJ | YES | ASSIGNEE | 04-23-2009 |
| ((liquid crystal) and ((light emitting) or LED or OLED)) and ((second near3 (capacitor or (charge near3 storage))) and (fourth near2 (transistor or "TFT" or switch)) same (capacitor or (capacitive near2 device)) same ((power or potential or voltage) near2 source)) | PGPB, USPT, USOC | ADJ | YES | ASSIGNEE | 04-23-2009 |
| ((liquid crystal) and ((light emitting) or LED or OLED)) and (second near3 (capacitor or (charge near3 storage))) and (fourth near2 (transistor or "TFT" or switch)) same (capacitor or (capacitive near2 device)) same ((power or potential or voltage) near2 source)) not @AY>2004 | PGPB, USPT, USOC | ADJ | YES | ASSIGNEE | 04-23-2009 |